OWNER'S MANUAL

Mobility Cart for MacBook

TX323LL/A

Congratulations on the purchase of your new Mobility Cart

Use this Owner's Manual to help you use of your Bretford Notebook Mobility Cart. Additional helpful information can be found on:

bretford.com/apple

General Use

- This cart is designed to allow you to easily store, secure, recharge and transport laptops and peripherals between classrooms.
- Please read this Owner's Manual carefully. It contains important advice concerning the use and safety of your Bretford Cart.
- Keep this Owner's Manual in a safe place and pass it on to any subsequent user.
- This cart must only be used for its intended purpose in accordance with these operating instructions.

Peace of mind, knowing that **the entire cart is UL Listed** - not just the electrical. So your students - your real technology investment - are safe and secure.

BRETFORD

11000 Seymour Avenue Franklin Park, IL 60131 USA 800 521 9614

bretford.com/apple

Part #031-8300

Assembly Instructions

Unleash the Power Cord

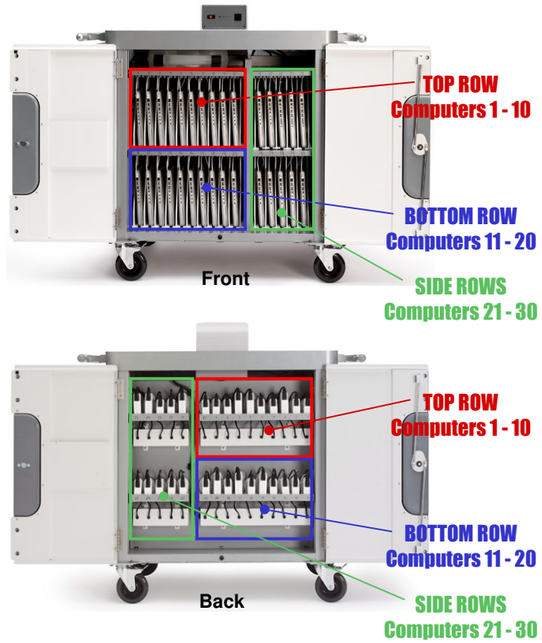
The 10-foot Power Cord is wound around the built-in cord winder on the left side of the cart. To power the cart, simply unwind the Power Cord and plug into a standard 15 amp circuit outlet that is dedicated to the use of this cart. Proper use of the cart is predicated on its being the only appliance on the circuit.

Always Turn Off the Power to the Cart before Plugging In Or Out!

Setting the Combination Locks

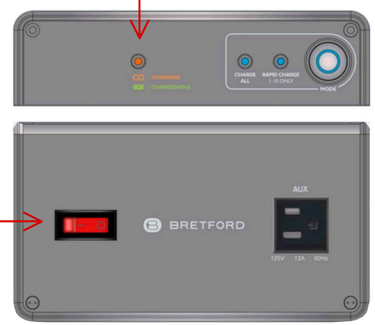
Your new 20 Laptop Mobility Cart comes equipped with two re-settable Combination Padlocks. You can program them with the same combination or different combinations – the choice is yours. Each lock starts with 0-0-0-0. Follow the directions with the lock for changing the combination. Remember to depress the shackle before un-engaging it from the lock.

Power Management System



1 Turn Red Switch "ON". All computers in the cart are charging

ORANGE = Computers are charging
GREEN = Computers are charged



2 Push the "Mode" Button & the 2nd **BLUE** LED comes on Only Computer 1-10 (top row) are "Rapid Charging"

- **Rear Mounted Power Strips** are controlled by the Power Module which shifts the power from one strip to the other, and even allows a "Rapid Charge", where all available power is sent to the Top Row Power Strip of 10, so that computers 1 through 10 are charged first and fast.
- **Only One Electrical Plug** to the wall outlet reduces nuisance tripping of circuit breakers.
- **Power Management System** evaluates the demand for power from each electrical strip of ten computers, concentrating on those batteries that have the most demand for power.
- Also allows each electrical strip time to cool down. **Cooler batteries last longer**, and extended battery life saves you money.
- A **Divider Panel** separates the computer/battery from the transformer, minimizing the transformer's heat impact on the battery … cooler batteries last longer.
- The Power Management System recognizes when batteries are charged, and **sends only enough power** to keep the batteries well within their thermal limits, drawing only the required power and saving you time, energy and money.
- A single **Mode Button** lets you select whether to charge all 30 computers at the same time, or "Rapid Charge" the top row of 10 computers.
- **One Auxiliary Outlet** on the top of the cart let you use a printer with confidence, since the Brain will dedicate the power to the printer when you need to use it.

MOBILITY CART

Model # TX323LL/A

Technical Specifications:

Capacity
- Holds and charges up to 30 Apple MacBook Computers

Size & Weight
- Overall: 43"W x 25 1/4"D x 44"H
- Computer Compartments: 1 1/2"W x 11"H x 15"D
- Top shelf: 40"W x 23 1/2"D
- Carton Pack: 48"W x 32"D x 48"H
- Ship Weight: 210 lbs.
- Actual Product Weight: 183 lbs.
- Ships by truck in one carton pack

Assembly
- Ships already assembled in one pack (no assembly required)

WARRANTY

Bretford Furniture
Twelve (12) years from date of shipment

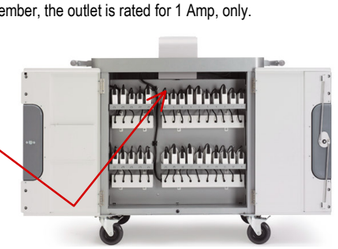
Electrical Assemblies/Components
Three (3) years from date of shipment

Bretford engineers and manufactures its products to provide dependable operation. Therefore, Bretford Manufacturing, Inc. warrants that all products it manufactures are at date of shipment free from defects in material or workmanship. Any product which under normal use fails to function within the time periods specified below and found defective in material or workmanship by the Company's inspection will be repaired or replaced without charge to the buyer or, at the election of Bretford Manufacturing, Inc., a credit will be allowed up to the invoice purchase price of the product.

This warranty is inapplicable where, in the judgment of Bretford Manufacturing, Inc., the defect is attributable to normal wear, misapplication, abnormal use, misuse, modification or damage after shipment, including damage caused by the buyers failure to properly maintain, or other similar cause.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER EXPRESSED OR IMPLIED WARRANTIES, INCLUDING ANY ORDINARY OR PARTICULAR PURPOSE. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

Always-On Electrical Outlet
Under the Power Module, accessible from the rear of the cart, is one unique Electrical Outlet, rated for 1 Amp. This outlet is for a **Wireless Access Point.**
Remember, the outlet is rated for 1 Amp, only.



ELECTRICAL

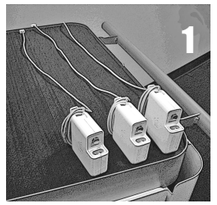
- **Avoid sparks. Avoid arcing. Always turn OFF the power to the cart before plugging IN or OUT!**
- **Be sure each laptop computer is turned OFF before plugging into the cart.**
- For Safety Purposes, make sure all electrical components do not exceed the the maximum load rating of 12 amps.
- Risk of electrical shock. Do not plug the power cord into another extension cord or relocatable power tap.
- The Power Bars inside the laptop cart are only for charging laptop computers. Any other use may cause an overload for the Power Management System, causing the "Brain" to shutdown, resulting in the LED lights flashing on and off. To reset the Brain, turn off the main power switch, unplug the non-laptop computer, then turn the main switch back on.
- Do not unplug this product from the outlet when your hands are wet.
- Do not move the cart by pulling the power cord.
- Do not plug the unit in if the switch, receptacle(s) or power cord has been damaged.
- Contact Bretford or a qualified electrician before attempting to make any type of electrical repair or parts replacement.
- Before moving this cart from one room to the next, wrap the power cord around the cord winder located on the side of the rt. ca

CAUTION

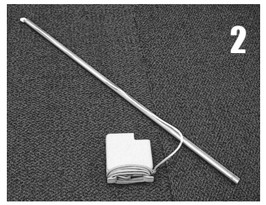
- Ventilation is critical for laptop computer carts to operate correctly, providing the appropriate airflow so that heat-buildup is minimized during the battery-charging process, with the computers turned OFF. Be sure each laptop computer is turned OFF before plugging into the cart.
- Do Not block the ventilation holes on the cart. Proper air flow is required for safe operation of equipment.
- Cart with computers should be keep in a room with a maximum temperature not to exceed 77° F or 25° C.
- Maximum weight of accessories on top of cabinet is 25 pounds. Do not block ventilation holes when charging batteries.
- Avoid loading equipment in the cart in a uneven fashion. Uneven weight distribution could cause a hazardous condition.
- This cart is not designed to be operated by a child or student. Adult operation and supervision is recommended at all times.
- Although this cart is designed to support the transport of equipment within a school campus, it is not designed for outdoor use.
- Liquids should not be stored in, set on or placed inside this unit.
- Do not pull cart. Always push the cart using the ergonomic handles.
- Engage locking casters when cart is not in transit.
- Use extra caution on ramps and thresholds.

Cable Management Instructions

Cable Wand

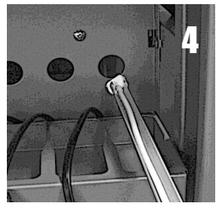


Remove "Duck Head" & wind cable Stretch Mag-Safe cable from front of cart to back, as shown

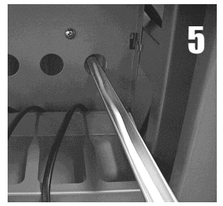


Retrieve the "Cable Wand" from the rear cable closet, tucked on the right side behind the door

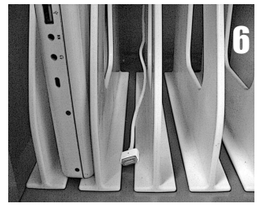
Load the Mag-Safe connector as shown



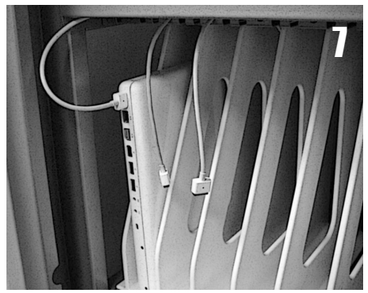
Thread the loaded Cable Wand through the hole above adapter holder



Push the loaded Cable Wand about 12" into the cart with the cable trough facing UP



Twist the Cable Wand so the trough faces DOWN and the Mag-Safe cable will drop into the slot, as shown



Hang the Mag-Safe cable in the hook directly over the Slot, making sure the Clear Cable Trap is in the left position. This leaves the hook accessible while cable managing the cart. (See Clear Cable Trap description below) Place the computer in the slot, and attach the Mag-Safe Connector to the computer.

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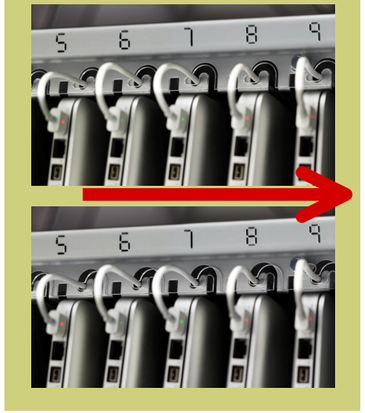
Connect the Power Plug Whip to the adapter (as shown) and place the adapter in its specific, numbered compartment, directly behind its numbered computer slot.

Adapter Holders & Duck-Head Holders
Each computer slot in the front of the cart is complemented in the back with its own pre-numbered Adapter Holder, directly behind the computer slot and accessible through a cable pass-thru hole. Removable Duck-Head Plugs have a handy storage place, too.

Power Plug Whips Included
Your new Bretford Cart for Apple Laptop Computers features short Power Whips which plug directly into the Computer's Adapter, eliminating long power cords and creating specialized cable storage. No more miles of cables to try and keep track of. Each adapter and its cord set is wrapped and numbered, easy to identify and easy to manage.

Each Adapter Cable Set has a Numbered Slot in the Back & the Front
Each computer slot comes pre-numbered, with a slot especially designed for the MagSafe® Cable Plugs. Once the Cable Plugs are all hanging in their correct slot, the Clear Cable Trap can be engaged, snugly trapping the cable so that it is always available at the right place and the right length at the right time.

Clear Cable Trap
Once Cable Plugs are in their slots, release thumb screws, shift the clear plastic cord trap to the right. Retighten thumb screws.



"A place for everything, & everything in its place."

You know from personal experience the value of keeping your closet neat and organized. You know exactly where everything is when you open the door. So Bretford developed a "closet" for all the cords and cables associated with your Laptop Computers.

Your 30 Laptop Mobility Cart has its own **"Cable Clutter Closet"** – a lockable compartment at the back of the cart especially designed to keep all the cables away from the computers and the hands that retrieve those computers from the cart.

The interior **Divider Panel** separates the cart so that 75% of the cart is dedicated to the computers in the front and 25% is dedicated to cables and power adapters in the back. Holes in the Divider Panel allow the computer connector cables to pass thru and be easily connected to the computers for charging.

By separating the computer from its power adapter, you minimize the amount of heat beside the computer battery, allowing it to charge at a lower temperature, **allowing the battery to charge faster.**

- Only the **IT Administrator** can have access to the Cable Clutter Closet, since it has its own programmable Combination Padlock.
- The **Power Whips** eliminate 6 feet of cable for each computer, plugging directly into the power adapter. Less cable and less weight.
- Special **Compartments** for each power adapter and its cables provide individual spot for each cordset.
- Comes with appropriate **Laser Numbers** coding the computers, the slots & cable sets.

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MOBILITY CART

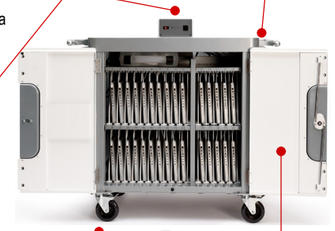
TX323LL/A

One Power Cord
Exits the cart & plugs into the wall outlet

Ventilation
Channels allow maximum air flow in the cart

Power Module
keeps the constant flow of power from a single wall outlet charging batteries where needed.

LED Lights
on the Power Module keep you informed at a glance of what's going on in the cart



Front

Auxiliary Outlet
on the Power Module allows you to use a printer

Storage Tub
Inside for extra cables & connectors

Security
Both front & back doors with programmable combination padlocks

Directional Locking Casters
can be locked as a rigid caster for easy rolling down the hallway, unlocked to swivel for easily getting into tight spaces

Back

Compact Design
Although this cart can store & power up 30 laptops, the exclusive quiet-glide casters and compact size make it very easy to move around

Cable Clutter Closet keeps the cable sets and adapter bricks organized, everything in its place, with easy access

Ships 100% Assembled

12 Year Warranty on the Cabinet

3 Year Warranty on Electrical

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